

Author Index Volume 27 (1998)

Amable, B. and S. Palombarini, Technical change and incorporated R & D in the service sector	655
Amara, N., <i>see</i> Landry, R.	901
Arcangeli, F., <i>see</i> Belussi, F.	415
Arundel, A. and I. Kabla, What percentage of innovations are patented? empirical estimates for European firms	127
Baptista, R. and P. Swann, Do firms in clusters innovate more?	525
Battisti, G., <i>see</i> Stoneman, P.	187
Belussi, F. and F. Arcangeli, A typology of networks: flexible and evolutionary firms	415
Braun, D., The role of funding agencies in the cognitive development of science	807
Cantwell, J., Technology and the firm: introduction	iii
Coombs, R. and R. Hull, 'Knowledge management practices' and path-dependency in innovation	237
Degenaars, G.H., <i>see</i> Janszen, F.H.A.	37
Den Hond, F., On the structuring of variation in innovation processes: a case of new product development in the crop protection industry	349
Duysters, G., <i>see</i> van Dijk, T.	937
Dvir, D., S. Lipovetsky, A. Shenhar and A. Tishler, In search of project classification: a non-universal approach to project success factors	915
Ernst, H., Industrial research as a source of important patents	1
Etzkowitz, H., The norms of entrepreneurial science: cognitive effects of the new university–industry linkages	823
Evangelista, R., <i>see</i> Sirilli, G.	881
Fiebelkorn, N., <i>see</i> Peters, L.	255
Finnie, R., <i>see</i> Lavoie, M.	143
Franke, R., <i>see</i> Thomke, S.	315
Gambardella, A. and S. Torrisi, Does technological convergence imply convergence in markets? Evidence from the electronics industry	445
Georghiou, L., Global cooperation in research	611
Granstrand, O., Towards a theory of the technology-based firm	465
Groenewegen, P., <i>see</i> Peters, L.	255
Hagedoorn, J. and J.B. Sedaitis, Partnerships in transition economies: international strategic technology alliances in Russia	177
Hull, R., <i>see</i> Coombs, R.	237
Jacobs, D., Innovation policies within the framework of internationalization	711
Janszen, F.H.A. and G.H. Degenaars, A dynamic analysis of the relations between the structure and the process of National Systems of Innovation using computer simulation; the case of the Dutch biotechnological sector	37

Kabla, I., <i>see</i> Arundel, A.	127
Katrak, H., Economic analyses of Industrial Research Institutes in developing countries: the Indian experience	337
Krohn, W., <i>see</i> van den Daele, W.	853
Kuemmerle, W., Optimal scale for research and development in foreign environments— an investigation into size and performance of research and development laboratories abroad	111
Laestadius, S., The relevance of science and technology indicators: the case of pulp and paper	385
Landry, R. and N. Amara, The impact of transaction costs on the institutional structura- tion of collaborative academic research	901
Larédo, P., The networks promoted by the framework programme and the questions they raise about its formulation and implementation	589
Lavoie, M. and R. Finnie, The occupational dynamics of recent Canadian engineering graduates inside and outside the bounds of technology	143
Leoncini, R., The nature of long-run technological change: innovation, evolution and technological systems	75
Lipovetsky, S., <i>see</i> Dvir, D.	915
Liu, X., <i>see</i> White, S.	369
Luukkonen, T., The difficulties in assessing the impact of EU framework programmes	599
Luwel, M., <i>see</i> Noyons, E.C.M.	285
Marriott, R., <i>see</i> Murray, G.C.	947
Martin, F., The economic impact of Canadian university R&D	677
Mayntz, R., Socialist academies of sciences: the enforced orientation of basic research at user needs	781
Mayntz, R. and U. Schimank, Linking Theory and Practice: Introduction	747
Mazzoleni, R. and R.R. Nelson, The benefits and costs of strong patent protection: a contribution to the current debate	273
Meyer-Krahmer, F. and U. Schmoch, Science-based technologies: university-industry interactions in four fields	835
Moed, H.F., <i>see</i> Noyons, E.C.M.	285
Molero, J., Patterns of internationalization of Spanish innovative firms	541
Mowery, D.C., The changing structure of the US national innovation system: implica- tions for international conflict and cooperation in R&D policy	639
Mowery, D.C., J.E. Oxley and B.S. Silverman, Technological overlap and interfirm cooperation: implications for the resource-based view of the firm	507
Murray, G.C. and R. Marriott, Why has the investment performance of technology-spe- cialist, European venture capital funds been so poor?	947
Mutinelli, M. and L. Piscitello, The entry mode choice of MNEs: an evolutionary approach	491
Narayanan, K., Technology acquisition, de-regulation and competitiveness: a study of Indian automobile industry	215
Nelson, R.R., <i>see</i> Mazzoleni, R.	273
Nightingale, P., A cognitive model of innovation	689
Noyons, E.C.M., M. Luwel and H.F. Moed, Assessment of Flemish R&D in the field of information technology. A bibliometric evaluation based on publication and patent data, combined with OECD research input statistics	285
Oxley, J.E., <i>see</i> Mowery, D.C.	507

Palombarini, S., <i>see</i> Amable, B.	655
Papaconstantinou, G., N. Sakurai and A. Wyckoff, Domestic and international product-embodied R&D diffusion	301
Papon, P., Research institutions in France: between the Republic of science and the nation-state in crisis	771
Pavitt, K., The inevitable limits of EU R&D funding	559
Pavitt, K., The social shaping of the national science base	793
Peters, L., P. Groenewegen and N. Fiebelkorn, A comparison of networks between industry and public sector research in materials technology and biotechnology	255
Piscitello, L., <i>see</i> Mutinelli, M.	491
Rinia, E.J., Th.N. van Leeuwen, H.G. van Vuren and A.F.J. van Raan, Comparative analysis of a set of bibliometric indicators and central peer review criteria. Evaluation of condensed matter physics in the Netherlands	95
Rip, A., <i>see</i> van der Meulen, B.	757
Roberts, R., Managing innovation: The pursuit of competitive advantage and the design of innovation intense environments	159
Sakurai, N., <i>see</i> Papaconstantinou, G.	301
Schimank, U., <i>see</i> Mayntz, R.	747
Schmoch, U., <i>see</i> Meyer-Krahmer, F.	835
Sedaitis, J.B., <i>see</i> Hagedoorn, J.	177
Sharp, M., Competitiveness and cohesion—are the two compatible?	569
Shenhar, A., <i>see</i> Dvir, D.	915
Sikka, P., Analysis of in-house R&D centres of innovative firms in India	429
Silverman, B.S., <i>see</i> Mowery, D.C.	507
Sirilli, G. and R. Evangelista, Technological innovation in services and manufacturing: results from Italian surveys	881
Stoneman, P. and G. Battisti, Fiscal incentives to consumer innovation: the use of unleaded petrol in Europe	187
Swann, P., <i>see</i> Baptista, R.	525
Tether, B.S., Small and large firms: sources of unequal innovations?	725
Thomke, S., E. von Hippel and R. Franke, Modes of experimentation: an innovation process—and competitive—variable	315
Thomke, S.H., Simulation, learning and R&D performance: Evidence from automotive development	55
Tishler, A., <i>see</i> Dvir, D.	915
Torrisi, S., <i>see</i> Gambardella, A.	445
Van den Daele, W. and W. Krohn, Experimental implementation as a linking mechanism in the process of innovation	853
Van der Meulen, B., Science policies as principal—agent games. Institutionalization and path dependency in the relation between government and science	397
Van der Meulen, B. and A. Rip, Mediation in the Dutch science system	757
Van Dijk, T. and G. Duysters, Passing the European Patent Office: evidence from the data-processing industry	937
Van Leeuwen, Th.N., <i>see</i> Rinia, E.J.	95
Van Raan, A.F.J., <i>see</i> Rinia, E.J.	95
Van Vuren, H.G., <i>see</i> Rinia, E.J.	95
Väyrynen, R., Global interdependence or the European fortress? Technology policies in perspective	627

Von Hippel, E., <i>see</i> Thomke, S.	315
Weingart, P., Science and the media	869
White, S. and X. Liu, Organizational processes to meet new performance criteria: Chinese pharmaceutical firms in transition	369
Wyckoff, A., <i>see</i> Papaconstantinou, G.	301
Zander, I., The evolution of technological capabilities in the multinational corporation—dispersion, duplication and potential advantages from multinationality	17

Subject Index Volume 27 (1998)

Business

Ernst, H., Industrial research as a source of important patents	1
Zander, I., The evolution of technological capabilities in the multinational corporation—dispersion, duplication and potential advantages from multinationality	17
Janszen, F.H.A. and G.H. Degenaars, A dynamic analysis of the relations between the structure and the process of National Systems of Innovation using computer simulation; the case of the Dutch biotechnological sector	37
Thomke, S.H., Simulation, learning and R&D performance: Evidence from automotive development	55
Leoncini, R., The nature of long-run technological change: innovation, evolution and technological systems	75
Kuemmerle, W., Optimal scale for research and development in foreign environments—an investigation into size and performance of research and development laboratories abroad	111
Arundel, A. and I. Kabla, What percentage of innovations are patented? empirical estimates for European firms	127
Lavoie, M. and R. Finnie, The occupational dynamics of recent Canadian engineering graduates inside and outside the bounds of technology	143
Roberts, R., Managing innovation: The pursuit of competitive advantage and the design of innovation intense environments	159
Hagedoorn, J. and J.B. Sedaitis, Partnerships in transition economies: international strategic technology alliances in Russia	177
Stoneman, P. and G. Battisti, Fiscal incentives to consumer innovation: the use of unleaded petrol in Europe	187
Narayanan, K., Technology acquisition, de-regulation and competitiveness: a study of Indian automobile industry	215
Coombs, R. and R. Hull, 'Knowledge management practices' and path-dependency in innovation	237
Peters, L., P. Groenewegen and N. Fiebelkorn, A comparison of networks between industry and public sector research in materials technology and biotechnology	255
Mazzoleni, R. and R.R. Nelson, The benefits and costs of strong patent protection: a contribution to the current debate	273
Noyons, E.C.M., M. Luwel and H.F. Moed, Assessment of Flemish R&D in the field of information technology. A bibliometric evaluation based on publication and patent data, combined with OECD research input statistics	285

Papaconstantinou, G., N. Sakurai and A. Wyckoff, Domestic and international product-embodied R&D diffusion	301
Thomke, S., E. von Hippel and R. Franke, Modes of experimentation: an innovation process—and competitive—variable	315
Katrak, H., Economic analyses of Industrial Research Institutes in developing countries: the Indian experience	337
Den Hond, F., On the structuring of variation in innovation processes: a case of new product development in the crop protection industry	349
White, S. and X. Liu, Organizational processes to meet new performance criteria: Chinese pharmaceutical firms in transition	369
Laestadius, S., The relevance of science and technology indicators: the case of pulp and paper	385
Belussi, F. and F. Arcangeli, A typology of networks: flexible and evolutionary firms	415
Sikka, P., Analysis of in-house R&D centres of innovative firms in India	429
Cantwell, J., Technology and the firm: introduction	iii
Gambardella, A. and S. Torrisi, Does technological convergence imply convergence in markets? Evidence from the electronics industry	445
Granstrand, O., Towards a theory of the technology-based firm	465
Mutinelli, M. and L. Piscitello, The entry mode choice of MNEs: an evolutionary approach	491
Mowery, D.C., J.E. Oxley and B.S. Silverman, Technological overlap and interfirm cooperation: implications for the resource-based view of the firm	507
Baptista, R. and P. Swann, Do firms in clusters innovate more?	525
Molero, J., Patterns of internationalization of Spanish innovative firms	541
Pavitt, K., The inevitable limits of EU R&D funding	559
Sharp, M., Competitiveness and cohesion—are the two compatible?	569
Larédo, P., The networks promoted by the framework programme and the questions they raise about its formulation and implementation	589
Luukkonen, T., The difficulties in assessing the impact of EU framework programmes	599
Georghiou, L., Global cooperation in research	611
Väyrynen, R., Global interdependence or the European fortress? Technology policies in perspective	627
Mowery, D.C., The changing structure of the US national innovation system: implications for international conflict and cooperation in R&D policy	639
Amable, B. and S. Palombarini, Technical change and incorporated R&D in the service sector	655
Nightingale, P., A cognitive model of innovation	689
Jacobs, D., Innovation policies within the framework of internationalization	711
Tether, B.S., Small and large firms: sources of unequal innovations?	725
Mayntz, R. and U. Schimank, Linking Theory and Practice: Introduction	747
Van der Meulen, B. and A. Rip, Mediation in the Dutch science system	757
Papon, P., Research institutions in France: between the Republic of science and the nation-state in crisis	771
Mayntz, R., Socialist academies of sciences: the enforced orientation of basic research at user needs	781
Pavitt, K., The social shaping of the national science base	793
Etzkowitz, H., The norms of entrepreneurial science: cognitive effects of the new university-industry linkages	823

Meyer-Krahmer, F. and U. Schmoch, Science-based technologies: university-industry interactions in four fields	835
Van den Daele, W. and W. Krohn, Experimental implementation as a linking mechanism in the process of innovation	853
Sirilli, G. and R. Evangelista, Technological innovation in services and manufacturing: results from Italian surveys	881
Dvir, D., S. Lipovetsky, A. Shenhav and A. Tishler, In search of project classification: a non-universal approach to project success factors	915
Van Dijk, T. and G. Duysters, Passing the European Patent Office: evidence from the data-processing industry	937
Murray, G.C. and R. Marriott, Why has the investment performance of technology-specialist, European venture capital funds been so poor?	947
Government	
Janszen, F.H.A. and G.H. Degenaars, A dynamic analysis of the relations between the structure and the process of National Systems of Innovation using computer simulation; the case of the Dutch biotechnological sector	37
Leoncini, R., The nature of long-run technological change: innovation, evolution and technological systems	75
Roberts, R., Managing innovation: The pursuit of competitive advantage and the design of innovation intense environments	159
Stoneman, P. and G. Battisti, Fiscal incentives to consumer innovation: the use of unleaded petrol in Europe	187
Narayanan, K., Technology acquisition, de-regulation and competitiveness: a study of Indian automobile industry	215
Peters, L., P. Groenewegen and N. Fiebelkorn, A comparison of networks between industry and public sector research in materials technology and biotechnology	255
Mazzoleni, R. and R.R. Nelson, The benefits and costs of strong patent protection: a contribution to the current debate	273
Van der Meulen, B., Science policies as principal-agent games. Institutionalization and path dependency in the relation between government and science	397
Sikka, P., Analysis of in-house R&D centres of innovative firms in India	429
Pavitt, K., The inevitable limits of EU R&D funding	559
Larédo, P., The networks promoted by the framework programme and the questions they raise about its formulation and implementation	589
Luukkonen, T., The difficulties in assessing the impact of EU framework programmes	599
Georghiou, L., Global cooperation in research	611
Väyrynen, R., Global interdependence or the European fortress? Technology policies in perspective	627
Mowery, D.C., The changing structure of the US national innovation system: implications for international conflict and cooperation in R&D policy	639
Jacobs, D., Innovation policies within the framework of internationalization	711
Mayntz, R. and U. Schimank, Linking Theory and Practice: Introduction	747
Van der Meulen, B. and A. Rip, Mediation in the Dutch science system	757
Papon, P., Research institutions in France: between the Republic of science and the nation-state in crisis	771
Mayntz, R., Socialist academies of sciences: the enforced orientation of basic research at user needs	781

Braun, D., The role of funding agencies in the cognitive development of science	807
Etzkowitz, H., The norms of entrepreneurial science: cognitive effects of the new university–industry linkages	823
Weingart, P., Science and the media	869

Universities and basic research

Janszen, F.H.A. and G.H. Degenraars, A dynamic analysis of the relations between the structure and the process of National Systems of Innovation using computer simulation; the case of the Dutch biotechnological sector	37
Leoncini, R., The nature of long-run technological change: innovation, evolution and technological systems	75
Rinia, E.J., Th.N. van Leeuwen, H.G. van Vuren and A.F.J. van Raan, Comparative analysis of a set of bibliometric indicators and central peer review criteria. Evaluation of condensed matter physics in the Netherlands	95
Peters, L., P. Groenewegen and N. Fiebelkorn, A comparison of networks between industry and public sector research in materials technology and biotechnology	255
Noyons, E.C.M., M. Luwel and H.F. Moed, Assessment of Flemish R&D in the field of information technology. A bibliometric evaluation based on publication and patent data, combined with OECD research input statistics	285
Sikka, P., Analysis of in-house R&D centres of innovative firms in India	429
Pavitt, K., The inevitable limits of EU R&D funding	559
Sharp, M., Competitiveness and cohesion—are the two compatible?	569
Larédo, P., The networks promoted by the framework programme and the questions they raise about its formulation and implementation	589
Georghiou, L., Global cooperation in research	611
Mowery, D.C., The changing structure of the US national innovation system: implications for international conflict and cooperation in R&D policy	639
Martin, F., The economic impact of Canadian university R&D	677
Nightingale, P., A cognitive model of innovation	689
Mayntz, R. and U. Schimank, Linking Theory and Practice: Introduction	747
Van der Meulen, B. and A. Rip, Mediation in the Dutch science system	757
Papon, P., Research institutions in France: between the Republic of science and the nation-state in crisis	771
Mayntz, R., Socialist academies of sciences: the enforced orientation of basic research at user needs	781
Pavitt, K., The social shaping of the national science base	793
Braun, D., The role of funding agencies in the cognitive development of science	807
Etzkowitz, H., The norms of entrepreneurial science: cognitive effects of the new university–industry linkages	823
Meyer-Krahmer, F. and U. Schmoch, Science-based technologies: university–industry interactions in four fields	835
Van den Daele, W. and W. Krohn, Experimental implementation as a linking mechanism in the process of innovation	853
Weingart, P., Science and the media	869
Landry, R. and N. Amara, The impact of transaction costs on the institutional structuration of collaborative academic research	901

Management and Planning

Ernst, H., Industrial research as a source of important patents	1
Zander, I., The evolution of technological capabilities in the multinational corporation—dispersion, duplication and potential advantages from multinationality	17
Janszen, F.H.A. and G.H. Degenars, A dynamic analysis of the relations between the structure and the process of National Systems of Innovation using computer simulation; the case of the Dutch biotechnological sector	37
Thomke, S.H., Simulation, learning and R&D performance: Evidence from automotive development	55
Kuemmerle, W., Optimal scale for research and development in foreign environments—an investigation into size and performance of research and development laboratories abroad	111
Arundel, A. and I. Kabla, What percentage of innovations are patented? empirical estimates for European firms	127
Hagedoorn, J. and J.B. Sedaitis, Partnerships in transition economies: international strategic technology alliances in Russia	177
Narayanan, K., Technology acquisition, de-regulation and competitiveness: a study of Indian automobile industry	215
Coombs, R. and R. Hull, 'Knowledge management practices' and path-dependency in innovation	237
Thomke, S., E. von Hippel and R. Franke, Modes of experimentation: an innovation process—and competitive—variable	315
Den Hond, F., On the structuring of variation in innovation processes: a case of new product development in the crop protection industry	349
Van der Meulen, B., Science policies as principal–agent games. Institutionalization and path dependency in the relation between government and science	397
Belussi, F. and F. Arcangeli, A typology of networks: flexible and evolutionary firms	415
Sikka, P., Analysis of in-house R&D centres of innovative firms in India	429
Gambardella, A. and S. Torrisi, Does technological convergence imply convergence in markets? Evidence from the electronics industry	445
Mutinelli, M. and L. Piscitello, The entry mode choice of MNEs: an evolutionary approach	491
Mowery, D.C., J.E. Oxley and B.S. Silverman, Technological overlap and interfirm cooperation: implications for the resource-based view of the firm	507
Baptista, R. and P. Swann, Do firms in clusters innovate more?	525
Molero, J., Patterns of internationalization of Spanish innovative firms	541
Pavitt, K., The inevitable limits of EU R&D funding	559
Sharp, M., Competitiveness and cohesion—are the two compatible?	569
Larédo, P., The networks promoted by the framework programme and the questions they raise about its formulation and implementation	589
Georghiou, L., Global cooperation in research	611
Väyrynen, R., Global interdependence or the European fortress? Technology policies in perspective	627
Mowery, D.C., The changing structure of the US national innovation system: implications for international conflict and cooperation in R&D policy	639
Nightingale, P., A cognitive model of innovation	689
Jacobs, D., Innovation policies within the framework of internationalization	711

Mayntz, R. and U. Schimank, Linking Theory and Practice: Introduction	747
Van der Meulen, B. and A. Rip, Mediation in the Dutch science system	757
Papon, P., Research institutions in France: between the Republic of science and the nation-state in crisis	771
Mayntz, R., Socialist academies of sciences: the enforced orientation of basic research at user needs	781
Braun, D., The role of funding agencies in the cognitive development of science	807
Etzkowitz, H., The norms of entrepreneurial science: cognitive effects of the new university-industry linkages	823
Landry, R. and N. Amara, The impact of transaction costs on the institutional structuration of collaborative academic research	901
Dvir, D., S. Lipovetsky, A. Shenhav and A. Tishler, In search of project classification: a non-universal approach to project success factors	915
Van Dijk, T. and G. Duysters, Passing the European Patent Office: evidence from the data-processing industry	937
Murray, G.C. and R. Marriott, Why has the investment performance of technology-specialist, European venture capital funds been so poor?	947

Measurement and Evaluation

Ernst, H., Industrial research as a source of important patents	1
Zander, I., The evolution of technological capabilities in the multinational corporation—dispersion, duplication and potential advantages from multinationality	17
Leoncini, R., The nature of long-run technological change: innovation, evolution and technological systems	75
Rinia, E.J., Th.N. van Leeuwen, H.G. van Vuren and A.F.J. van Raan, Comparative analysis of a set of bibliometric indicators and central peer review criteria. Evaluation of condensed matter physics in the Netherlands	95
Kuemmerle, W., Optimal scale for research and development in foreign environments—an investigation into size and performance of research and development laboratories abroad	111
Arundel, A. and I. Kabla, What percentage of innovations are patented? empirical estimates for European firms	127
Lavoie, M. and R. Finnie, The occupational dynamics of recent Canadian engineering graduates inside and outside the bounds of technology	143
Hagedoorn, J. and J.B. Sedaitis, Partnerships in transition economies: international strategic technology alliances in Russia	177
Stoneman, P. and G. Battisti, Fiscal incentives to consumer innovation: the use of unleaded petrol in Europe	187
Peters, L., P. Groenewegen and N. Fiebelkorn, A comparison of networks between industry and public sector research in materials technology and biotechnology	255
Noyons, E.C.M., M. Luwel and H.F. Moed, Assessment of Flemish R&D in the field of information technology. A bibliometric evaluation based on publication and patent data, combined with OECD research input statistics	285
Papaconstantinou, G., N. Sakurai and A. Wyckoff, Domestic and international product-embodied R&D diffusion	301
Katrak, H., Economic analyses of Industrial Research Institutes in developing countries: the Indian experience	337

Laestadius, S., The relevance of science and technology indicators: the case of pulp and paper	385
Gambardella, A. and S. Torrisi, Does technological convergence imply convergence in markets? Evidence from the electronics industry	445
Mutinelli, M. and L. Piscitello, The entry mode choice of MNEs: an evolutionary approach	491
Mowery, D.C., J.E. Oxley and B.S. Silverman, Technological overlap and interfirm cooperation: implications for the resource-based view of the firm	507
Baptista, R. and P. Swann, Do firms in clusters innovate more?	525
Molero, J., Patterns of internationalization of Spanish innovative firms	541
Sharp, M., Competitiveness and cohesion—are the two compatible?	569
Larédo, P., The networks promoted by the framework programme and the questions they raise about its formulation and implementation	589
Luukkonen, T., The difficulties in assessing the impact of EU framework programmes	599
Georghiou, L., Global cooperation in research	611
Amable, B. and S. Palombarini, Technical change and incorporated R&D in the service sector	655
Martin, F., The economic impact of Canadian university R&D	677
Tether, B.S., Small and large firms: sources of unequal innovations?	725
Meyer-Krahmer, F. and U. Schmoch, Science-based technologies: university-industry interactions in four fields	835
Sirilli, G. and R. Evangelista, Technological innovation in services and manufacturing: results from Italian surveys	881
Van Dijk, T. and G. Duysters, Passing the European Patent Office: evidence from the data-processing industry	937
Murray, G.C. and R. Marriott, Why has the investment performance of technology-specialist, European venture capital funds been so poor?	947

Countries

Belgium

Noyons, E.C.M., M. Luwel and H.F. Moed, Assessment of Flemish R&D in the field of information technology. A bibliometric evaluation based on publication and patent data, combined with OECD research input statistics	285
--	-----

Canada

Lavoie, M. and R. Finnie, The occupational dynamics of recent Canadian engineering graduates inside and outside the bounds of technology	143
Martin, F., The economic impact of Canadian university R&D	677

China

White, S. and X. Liu, Organizational processes to meet new performance criteria: Chinese pharmaceutical firms in transition	369
---	-----

Europe

Ernst, H., Industrial research as a source of important patents 1
 Arundel, A. and I. Kabla, What percentage of innovations are patented? empirical estimates for European firms 127
 Stoneman, P. and G. Battisti, Fiscal incentives to consumer innovation: the use of unleaded petrol in Europe 187
 Peters, L., P. Groenewegen and N. Fiebelkorn, A comparison of networks between industry and public sector research in materials technology and biotechnology 255
 Pavitt, K., The inevitable limits of EU R&D funding 559
 Sharp, M., Competitiveness and cohesion—are the two compatible? 569
 Luukkonen, T., The difficulties in assessing the impact of EU framework programmes 599
 Georghiou, L., Global cooperation in research 611
 Väyrynen, R., Global interdependence or the European fortress? Technology policies in perspective 627
 Van Dijk, T. and G. Duysters, Passing the European Patent Office: evidence from the data-processing industry 937
 Murray, G.C. and R. Marriott, Why has the investment performance of technology-specialist, European venture capital funds been so poor? 947

Former German Democratic Republic

Mayntz, R. and U. Schimank, *Linking Theory and Practice: Introduction* 747

France

Papon, P., Research institutions in France: between the Republic of science and the nation-state in crisis 771

Germany

Leoncini, R., The nature of long-run technological change: innovation, evolution and technological systems 75
 Van der Meulen, B. and A. Rip, Mediation in the Dutch science system 757
 Meyer-Krahmer, F. and U. Schmoch, Science-based technologies: university-industry interactions in four fields 835

India

Narayanan, K., Technology acquisition, de-regulation and competitiveness: a study of Indian automobile industry 215
 Katrak, H., Economic analyses of Industrial Research Institutes in developing countries: the Indian experience 337
 Sikka, P., Analysis of in-house R&D centres of innovative firms in India 429

Italy

Leoncini, R., The nature of long-run technological change: innovation, evolution and technological systems 75
 Sirilli, G. and R. Evangelista, Technological innovation in services and manufacturing: results from Italian surveys 881

Japan

Ernst, H., Industrial research as a source of important patents 1

Netherlands

Janszen, F.H.A. and G.H. Degenraars, A dynamic analysis of the relations between the structure and the process of National Systems of Innovation using computer simulation; the case of the Dutch biotechnological sector 37

Rinia, E.J., Th.N. van Leeuwen, H.G. van Vuren and A.F.J. van Raan, Comparative analysis of a set of bibliometric indicators and central peer review criteria. Evaluation of condensed matter physics in the Netherlands 95

Van der Meulen, B., Science policies as principal–agent games. Institutionalization and path dependency in the relation between government and science 397

Van der Meulen, B. and A. Rip, Mediation in the Dutch science system 757

Russia

Hagedoorn, J. and J.B. Sedaitis, Partnerships in transition economies: international strategic technology alliances in Russia 177

Spain

Molero, J., Patterns of internationalization of Spanish innovative firms 541

Sweden

Zander, I., The evolution of technological capabilities in the multinational corporation—dispersion, duplication and potential advantages from multinationality 17

Laestadius, S., The relevance of science and technology indicators: the case of pulp and paper 385

UK

Van der Meulen, B. and A. Rip, Mediation in the Dutch science system 757

Baptista, R. and P. Swann, Do firms in clusters innovate more? 525

Tether, B.S., Small and large firms: sources of unequal innovations? 725

USA

Thomke, S.H., Simulation, learning and R&D performance: Evidence from automotive development 55

Mowery, D.C., J.E. Oxley and B.S. Silverman, Technological overlap and interfirm cooperation: implications for the resource-based view of the firm 507

Väyrynen, R., Global interdependence or the European fortress? Technology policies in perspective 627

